

AMENDMENTS

1.(Currently Amended) A method for producing a transportation fuel having the following properties, the method comprising;

blending a plurality of hydrocarbon streams to produce a transportation fuel complying with the emissions performance requirements of the Clean Air Act Amendments for Conventional Gasoline and for Reformulated Gasoline as predicted by the EPA Complex Model, said transportation fuel having:

- a) a sulfur content of less than about 300ppm,
- b) an octane rating of from about 87 to less than about 94,
- c) a 50% D-86 distillation point of greater than about 215°F,
- d) a 90% D-86 distillation point of less than about 360°F,
- e) an olefins content of less greater than about ~~25%~~ 15%, and
- f) a Reid Vapor Pressure of less than 7.5.

2.(Currently Amended) The method ~~A transportation fuel~~ according to claim 1, wherein said ~~blend~~ transportation fuel has a sulfur content of less than 80ppm.

3. (Currently Amended) The method ~~A transportation fuel~~ according to claim 1, further comprising blending said transportation fuel with at least one oxygenating component selected from the group consisting of ethyl tert-butyl ether, methyl tert-butyl ether, tert-amyl methyl ether, methanol and ethanol.

4. (Currently Amended) A method for producing a transportation fuel having the following properties, the method comprising;

blending a plurality of hydrocarbon streams to produce a transportation fuel complying with the emissions performance requirements of the Clean Air Act Amendments for Conventional Gasoline and for Reformulated Gasoline as predicted by the EPA Complex Model, said fuel having:

- a) a sulfur content of less than about 300ppm,
- b) an octane rating of from about 87 to less than about 94,
- c) a 50% D-86 distillation point of less than about 235°F,
- d) a 90% D-86 distillation point of greater than about 315°F,
- e) an olefins content of less greater than about ~~25%~~ 15%, and
- f) a Reid Vapor Pressure of less than 7.5.

5. (Currently Amended) The method ~~A transportation fuel~~ according to claim 4, wherein said ~~blend~~ transportation fuel has a sulfur content of less than 80ppm.

6. (Currently Amended) The method ~~A transportation fuel~~ according to claim 4, further comprising blending said transportation fuel with at least one oxygenating component selected from the group consisting of ethyl tert-butyl ether, methyl tert-butyl ether, tert-amyl methyl ether, methanol and ethanol.

7. A method for producing a transportation fuel ~~having the following properties, the method comprising;~~

blending a plurality of hydrocarbon streams to produce a transportation fuel complying with the emissions performance requirements of the Clean Air Act Amendments for Conventional Gasoline and for Reformulated Gasoline as predicted by the EPA Complex Model, said fuel having:

- a) a sulfur content of less than about 300ppm,
- b) an octane rating of from about 87 to less than about 94,
- c) a 50% D-86 distillation point of less than about 235°F,
- d) a 90% D-86 distillation point of less than about 360°F,
- e) an olefins content of greater than about 15%, and
- f) a Reid Vapor Pressure of less than 7.5.

8. (Currently Amended) The method A transportation fuel according to claim 7, wherein said ~~blend~~ transportation fuel has a sulfur content of less than 80ppm.

9. (Currently Amended) The method A transportation fuel according to claim 7, further comprising blending said transportation fuel with at least one oxygenating component selected from the group consisting of ethyl tert-butyl ether, methyl tert-butyl ether, tert-amyl methyl ether, methanol and ethanol.

10.(Currently Amended) A method for producing an oxygenated transportation fuel, the method comprising:

providing a blend stock suitable for blending with an oxygenating component to produce a transportation fuel complying with the emissions performance requirements of the Clean Air Act Amendments for Conventional Gasoline and for Reformulated Gasoline as predicted by the EPA Complex Model, said blend stock having the following properties;

- a) sulfur content of less than about 300ppm,
- b) an octane rating of at least 83.5,
- c) a 50% D-86 distillation point of less than about 232°F,
- d) a 90% D-86 distillation point of less ~~greater~~ than about 360°F,

e) an olefins content of greater than about 15%,

f) a Reid Vapor Pressure of less than 7.5, and

blending said blend stock with an oxygenate to produce a transportation fuel having an octane rating of at least 87.

11.(Currently Amended) The method ~~A blend stock~~ according to claim 10, wherein said blend stock has a sulfur content of less than 80ppm.

12. (Cancelled)

13.(Currently Amended) The method ~~A blend stock~~ according to claim 10 ~~12~~, wherein said oxygenate is selected from the group consisting of ethyl tert-butyl ether, methyl tert-butyl ether, tert-amyl methyl ether, methanol and ethanol.

14. (Cancelled)

15.(Currently Amended) The method ~~A blend stock~~ according to claim 11 ~~14~~, wherein said oxygenate is selected from the group consisting of ethyl tert-butyl ether, methyl tert-butyl ether, tert-amyl methyl ether, methanol and ethanol.

16.(New) An oxygenated transportation fuel complying with the emissions performance requirements of the Clean Air Act Amendments for Conventional Gasoline and for Reformulated Gasoline as predicted by the EPA Complex Model, said transportation fuel comprising a blend of hydrocarbon streams, said blend having the following properties:

a) sulfur content of less than about 300ppm,

- b) an octane rating of from about 87 to about 94,
- c) a 50% D-86 distillation point of less than about 235°F,
- d) a 90% D-86 distillation point of less than about 360°F,
- e) an olefins content of greater than about 15%,
- f) a Reid Vapor Pressure of less than 7.5; and

at least one oxygenate.

17.(New) The oxygenated transportation fuel according to claim 16, wherein said at least one oxygenate is selected from the group consisting of ethyl tert-butyl ether, methyl tert-butyl ether, tert-amyl methyl ether, methanol and ethanol.

18.(New) The oxygenated transportation fuel according to claim 16, wherein said a 50% D-86 distillation point is greater than about 215°F.

19.(New) The oxygenated transportation fuel according to claim 16, wherein said a 90% D-86 distillation point is greater than about 315°F.